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(54) Title: CONTROL DEVICE FOR A REVERSIBLE ROTATING ELECTRICAL MACHINE

[next line is French translation of 54]

[see diagram]

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(57) Abstract: The invention relates to a control device for a reversible, multi-phased rotating electrical machine which can operate in alternator or motor mode. The inventive device comprises a main battery (4), an electric network (5) and a unit (3) for controlling and commanding an inverter and a rectifier bridge (P) for selection in alternator mode or starter mode. According to the invention, the machine is powered by the inverter which is connected to a start-up control unit which can provide a voltage greater than that provided by the main battery (4) over the network (5). The inverter is connected to the positive terminal of the secondary voltage source via a first switch (K1) in motor mode, while the rectifier bridge (P) is connected to the positive terminal of the main battery via a second switch (K2) in alternator mode.

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